

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the present application:

Listing of claims

1. (Previously presented) An isolated *P. aeruginosa* protein having a molecular weight of about 60 kDa to about 65 kDa and an N-terminal sequence comprising the amino acid sequence of:

Xaa Glu Glu Lys Thr Pro Leu Thr Thr Ala Ala Xaa Ala Pro Val Val Xaa Asn Ala (SEQ ID NO:2),

wherein Xaa is an unknown amino acid.

2-6 (Cancelled)

7. (Previously presented) A composition comprising the protein of claim 1.

8. (Cancelled)

9. (Currently amended) The composition of claim 7 further comprising a second *P. aeruginosa* protein or a fragment of said second protein wherein said second protein is a *P. aeruginosa* antigen.

10-17. (Cancelled)

18. (Currently amended) A kit for use in detecting *P. aeruginosa* or diagnosing *P. aeruginosa* infection, wherein said kit comprises the protein of claim 1.

19. (Cancelled)

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20. (Currently amended) A kit for use in detecting *P. aeruginosa* or diagnosing *P. aeruginosa* infection, wherein said kit comprises the composition of claim 7.

21. (Previously presented) The composition of claim 7, wherein said composition elicits an immune response in a subject when administered to said subject.

22. (Previously presented) The composition of claim 9, wherein said composition elicits an immune response in a subject when administered to said subject.

23. (Cancelled)

24. (Previously presented) The composition of claim 7, wherein said composition further comprises a pharmaceutically acceptable carrier.

25. (Previously presented) The composition of claim 9, wherein said composition further comprises a pharmaceutically acceptable carrier.

26. (Previously presented) The composition of claim 7, wherein said composition further comprises an adjuvant.

27. (Previously presented) The composition of claim 9, wherein said composition further comprises an adjuvant.

28-35. (Cancelled)

36. (Currently amended) A kit for use in detecting *P. aeruginosa* or diagnosing *P. aeruginosa* infection, wherein said kit comprises the composition of claim 9.

37. (Currently amended) An isolated antigenic fragment of a *P. aeruginosa* protein wherein said antigenic fragment comprises ~~an~~ at its N-terminus, the N-terminal amino acid sequence of: Xaa Glu Glu Lys Thr Pro Leu Thr Thr Ala Ala Xaa Ala Pro Val Val Xaa Asn Ala

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(SEQ ID NO:2), wherein Xaa is an unknown amino acid, and wherein said protein has a molecular weight of about 60 kDa to about 65 kDa.